



P/4322-6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Erich Vogler, et al.

Date: October 19, 2004

Serial No.: 09/650,533

Group Art Unit: 3749

Filed: August 30, 2000

Examiner: Kenneth Rinehart

For: DEVICE FOR PRODUCING A ROTATING FLOW

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO 1449.

The present Information Disclosure Statement is being submitted after issuance of the first non-final Office Action. As no certification is available, our check in the amount of \$180.00 is enclosed.

The enclosed references were cited in a Japanese application corresponding to the present application. English-language abstracts are provided for each of the references.

Japanese reference 7-103440 discloses a garbage incineration furnace. In this arrangement, the secondary air is blown off from the injection ports (23, 24, 32-35 and 52-57) to generate an eddy current. As shown in Fig. 8, each wall comprises only a single injection port. Such devices are well known in the art. The problem with such an arrangement is that complete intermixing and thus uniform composition, temperature distribution and dwell time are not obtained.

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Japanese reference 10-288325 discloses a garbage incineration furnace in which a secondary combustion air-blowing nozzle 10 is provided in the gas-mixing chamber. Each wall comprises several nozzles, but the distribution of the nozzles over the wall has a total length of at most 40% of the wall width. Such a nozzle arrangement results in the aforementioned problem that complete intermixing, especially in the center of the flow, and thus uniform composition, temperature distribution and dwell time are not obtained.

Japanese reference 11-51367 discloses an incineration furnace with a plurality of air nozzles having varied injection angles.

The remaining four Japanese references, namely 4-55609, 62-18802, 55-105104 and 10-205734 all teach general background and not disclose the features recited in the claims of the present application.

The present invention defines a specific device for producing a rotating flow which is not believed to be disclosed by the enclosed references.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicants reserve the right to prove that the date of publication is in fact different.

It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

In the event the fee is inadvertently not enclosed or if any additional fee during the prosecution of this application is not paid, the Patent Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 19, 2004:

Klaus P. Stoffel

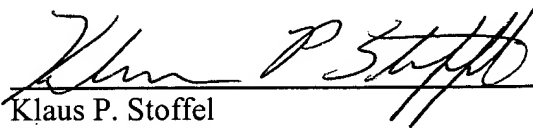
Name of applicant, assignee or
Registered Representative


Signature

October 19, 2004

Date of Signature

Respectfully submitted,



Klaus P. Stoffel

Registration No.: 31,668

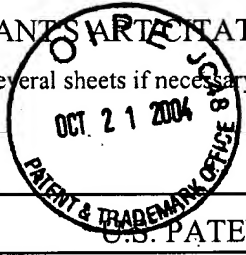
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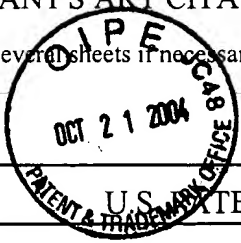
New York, New York 10036-8403

Telephone: (212) 382-0700

KPS:ck

APPLICANT'S CITATION (Use several sheets if necessary) 		Application 09/650,533		OFGS File No. P/4322-6			
		Applicant Erich Vogler, et al.					
		Filing Date August 30, 2000		Group Art Unit 3749			
U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)							
Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
	US-						
	US-						
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FOREIGN PATENT DOCUMENTS							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
	55-105104	08-1980	Japan			X (Abstract)	
	62-18802	05-1987	Japan			X (Abstract)	
	4-55609	02-1992	Japan			X (Abstract)	
	7-103440	04-1995	Japan			X (Abstract)	
	10-205734	08-1998	Japan			X (Abstract)	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner		Date Considered					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

APPLICANT'S ART CITATION (Use several sheets if necessary)		Application 09/650,533		OFGS File No. P/4322-6	
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		Filing Date August 30, 2000		Group Art Unit 3749	



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	US-					
	US-					
	US-					
	US-					
	US-					
	US-					
	US-					

FOREIGN PATENT DOCUMENTS							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
	10-288325	10-1998	Japan			X (Abstract)	
	11-51367	02-1999	Japan			X (Abstract)	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

Examiner	Date Considered
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